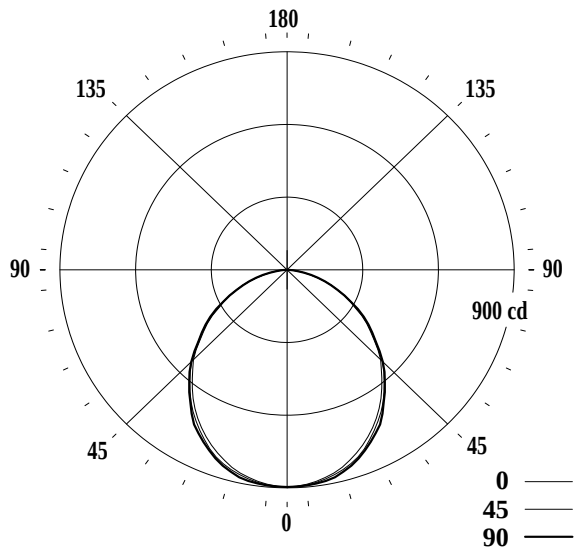
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL82725AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 2500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2294 lm 100.0%
Input Watts:	120 VAC 19.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 120.1
CIE-IES Classification:	Direct	**Report:**	LNG00307

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	896	896	896	896	896	
5	889	891	891	895	893	85
15	844	852	854	868	863	242
25	760	780	774	793	784	359
35	649	674	664	677	668	418
45	525	542	536	548	536	414
55	385	397	390	403	394	353
65	250	257	252	263	251	253
75	122	130	125	133	127	137
85	25	31	26	29	24	34
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			896.3	0.0
Direct: Peak Candela & Angle (90deg)			896.3	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.18	1.22	N/A
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		1.90	1.91	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			standard	standard
x, y, CCT ,Duv	0.4559	0.4075	2732	0.0008
CRI (Ra), R9			82	6
120V: P(W), I(A), THD(%), PF	19.1	0.160	8.3	0.994
277V: P(W), I(A), THD(%), PF	19.1	0.072	12.2	0.956
347V: P(W), I(A), THD(%), PF	19.9	0.059	10.3	0.971

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	109	105	101	97	107	102	99	98	95	92	85
2	100	92	85	80	97	90	84	86	81	77	71
3	91	81	73	67	89	79	72	76	70	65	61
4	84	72	63	57	81	71	63	68	61	56	52
5	77	64	56	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	43	40
7	66	53	44	38	64	52	44	51	43	38	35
8	62	48	40	34	60	48	40	46	39	34	32
9	58	44	36	31	56	44	36	43	36	31	29
10	54	41	33	28	53	41	33	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	686	29.9%	29.9%
0-40	1103	48.1%	48.1%
0-60	1870	81.5%	81.5%
0-90	2294	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	2294	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2658	2658	2658
5	2645	2653	2659
15	2591	2622	2648
25	2485	2532	2565
35	2349	2403	2417
45	2199	2246	2248
55	1990	2017	2037
65	1757	1767	1762
75	1398	1435	1459
85	864	881	813

LUMINAIRE SECTION

LEDALITE

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